

FIG. 1

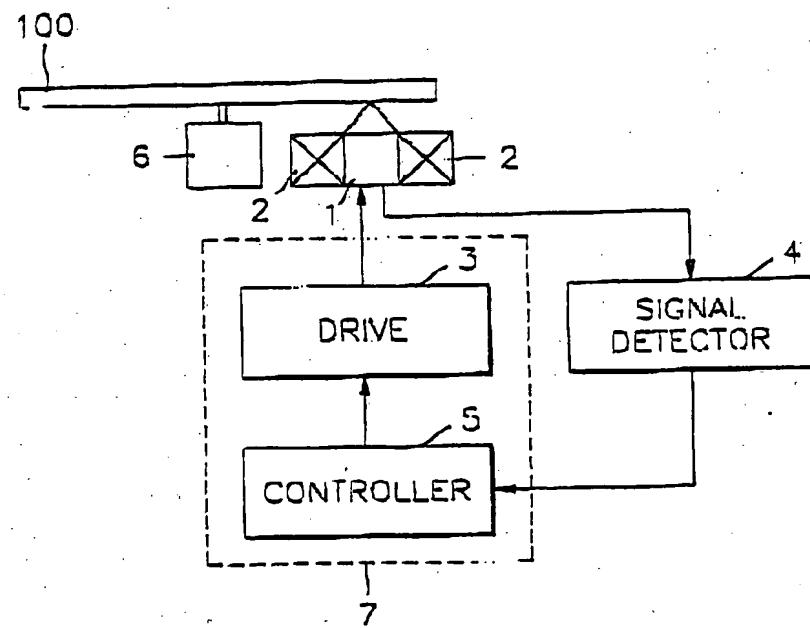


FIG. 2

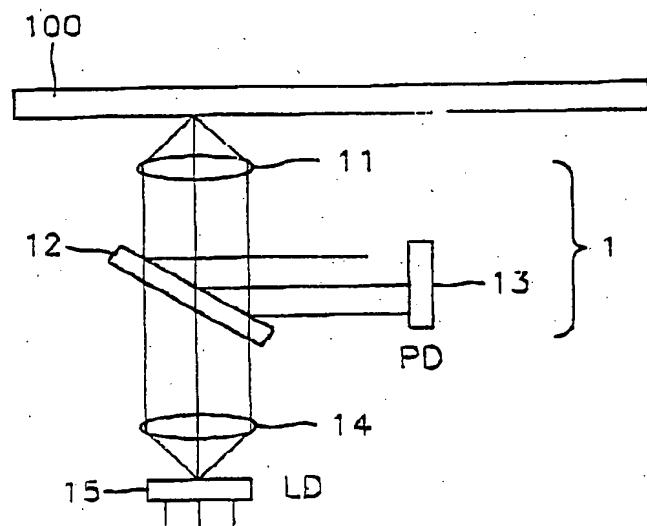


FIG. 3A

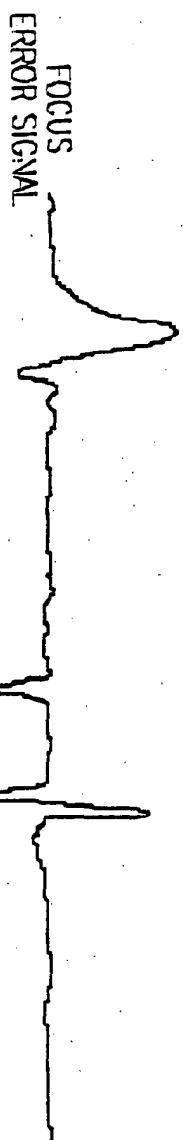


FIG. 3B

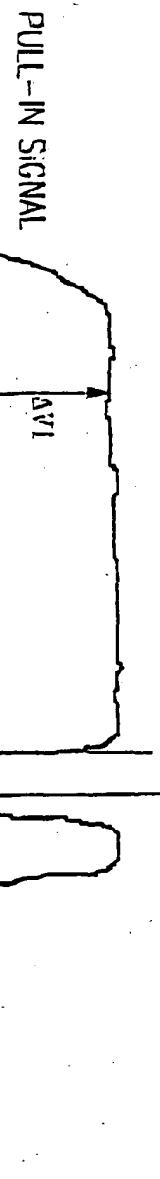


FIG. 3C

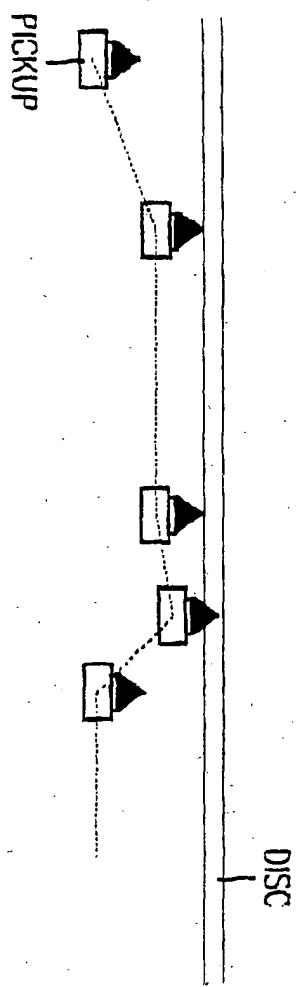
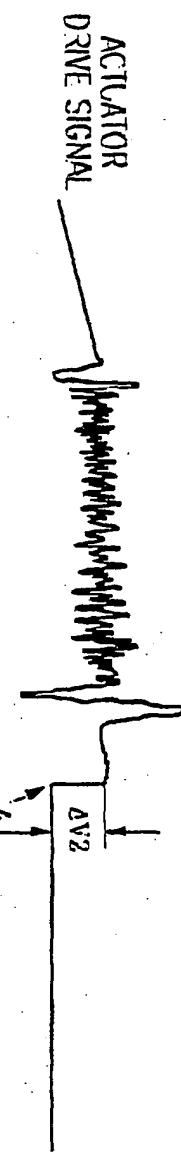


FIG. 4A

FOCUS  
ERROR SIGNAL

FIG. 4B

PULL-IN SIGNAL

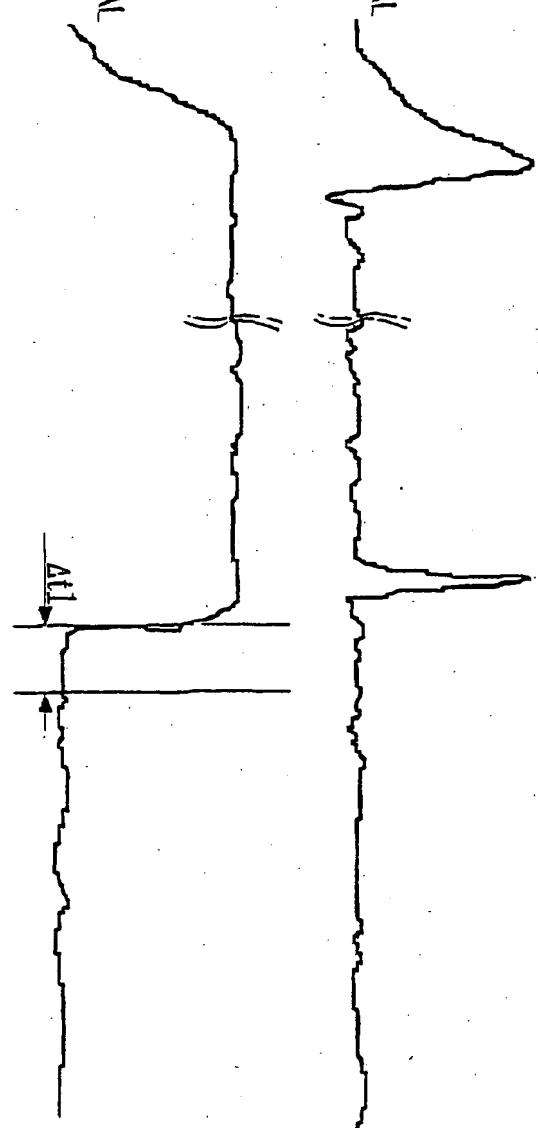


FIG. 4C

ACTUATOR  
DRIVE SIGNAL

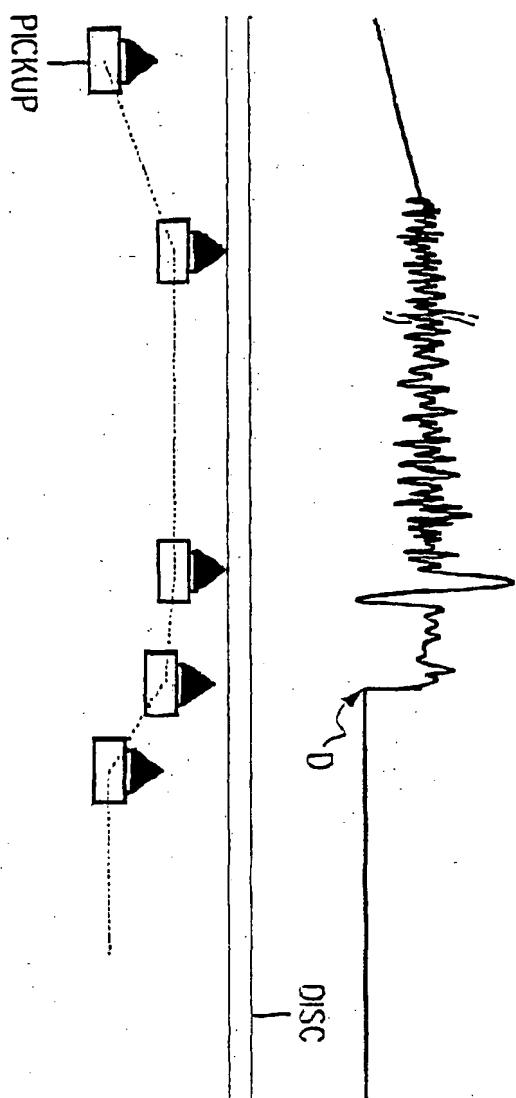


FIG. 5A FOCUS  
ERROR SIGNAL

FIG. 5B PULL-IN SIGNAL

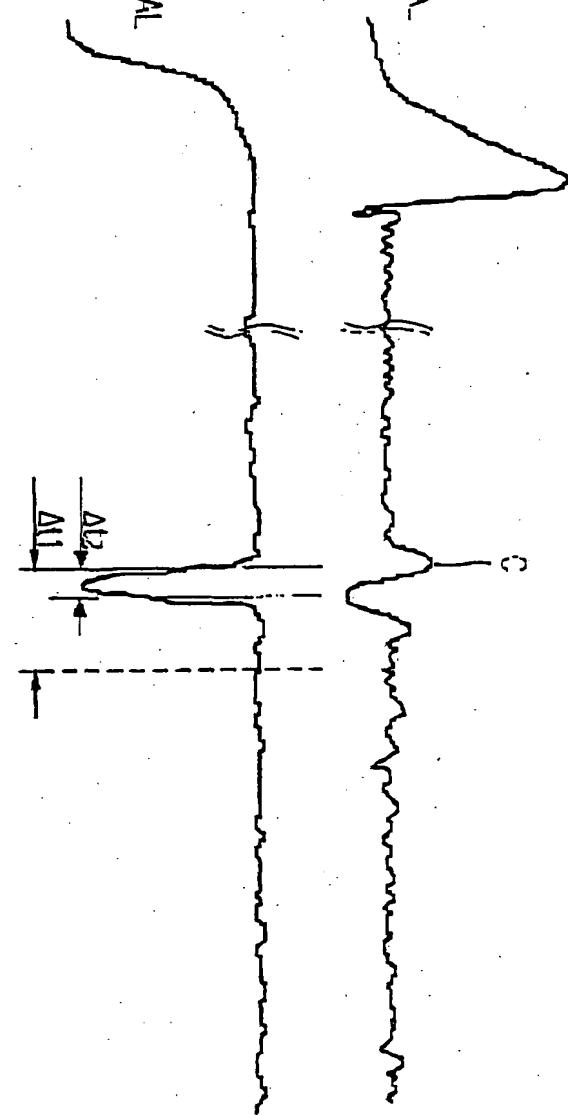


FIG. 5C ACTUATOR  
DRIVE SIGNAL

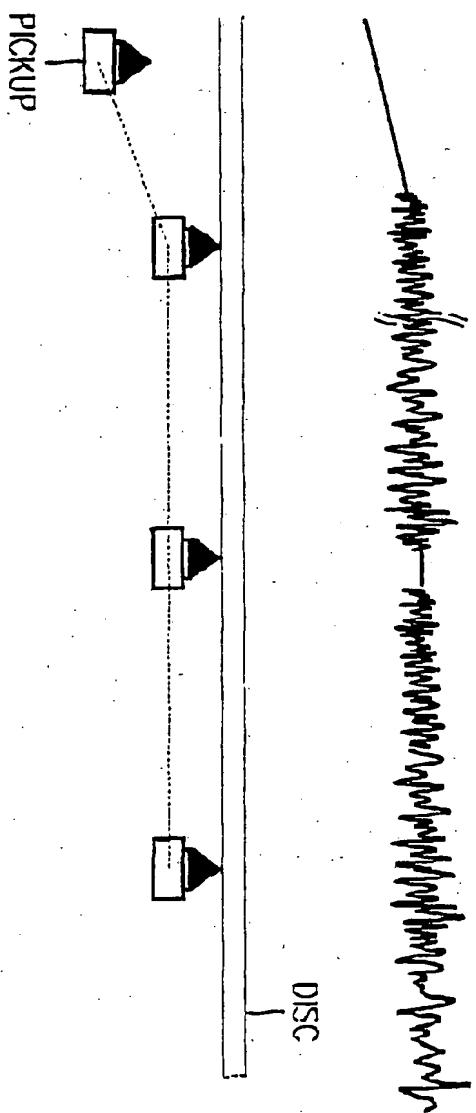


FIG. 6

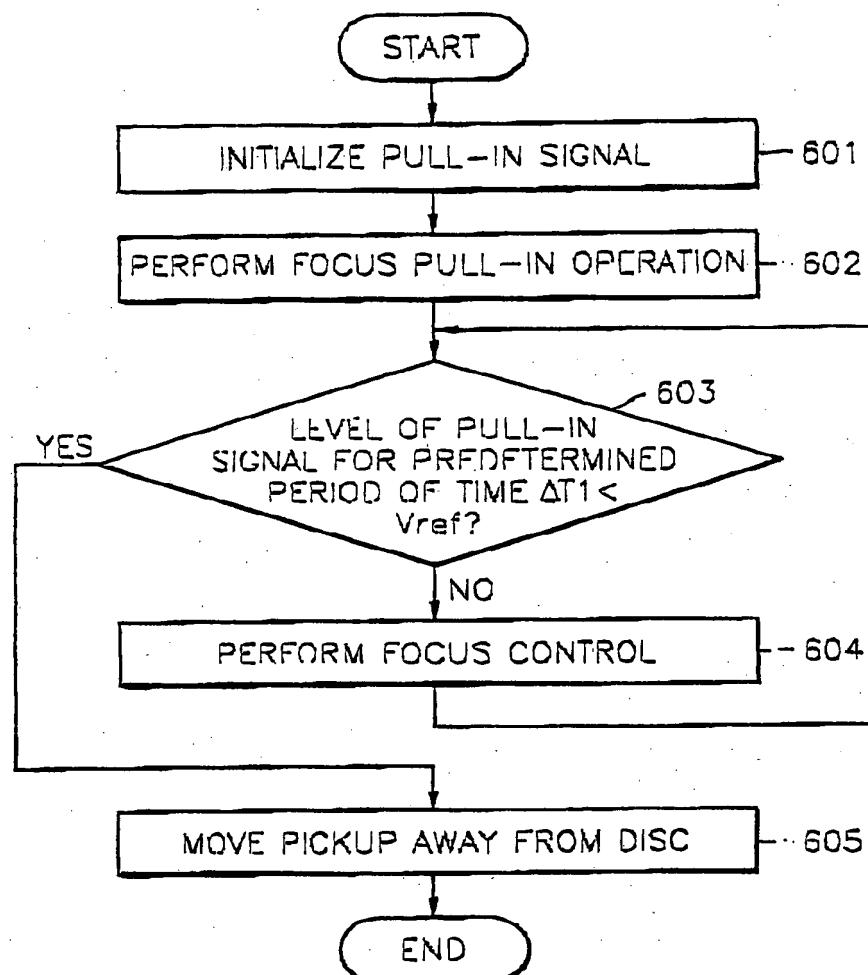


FIG. 7

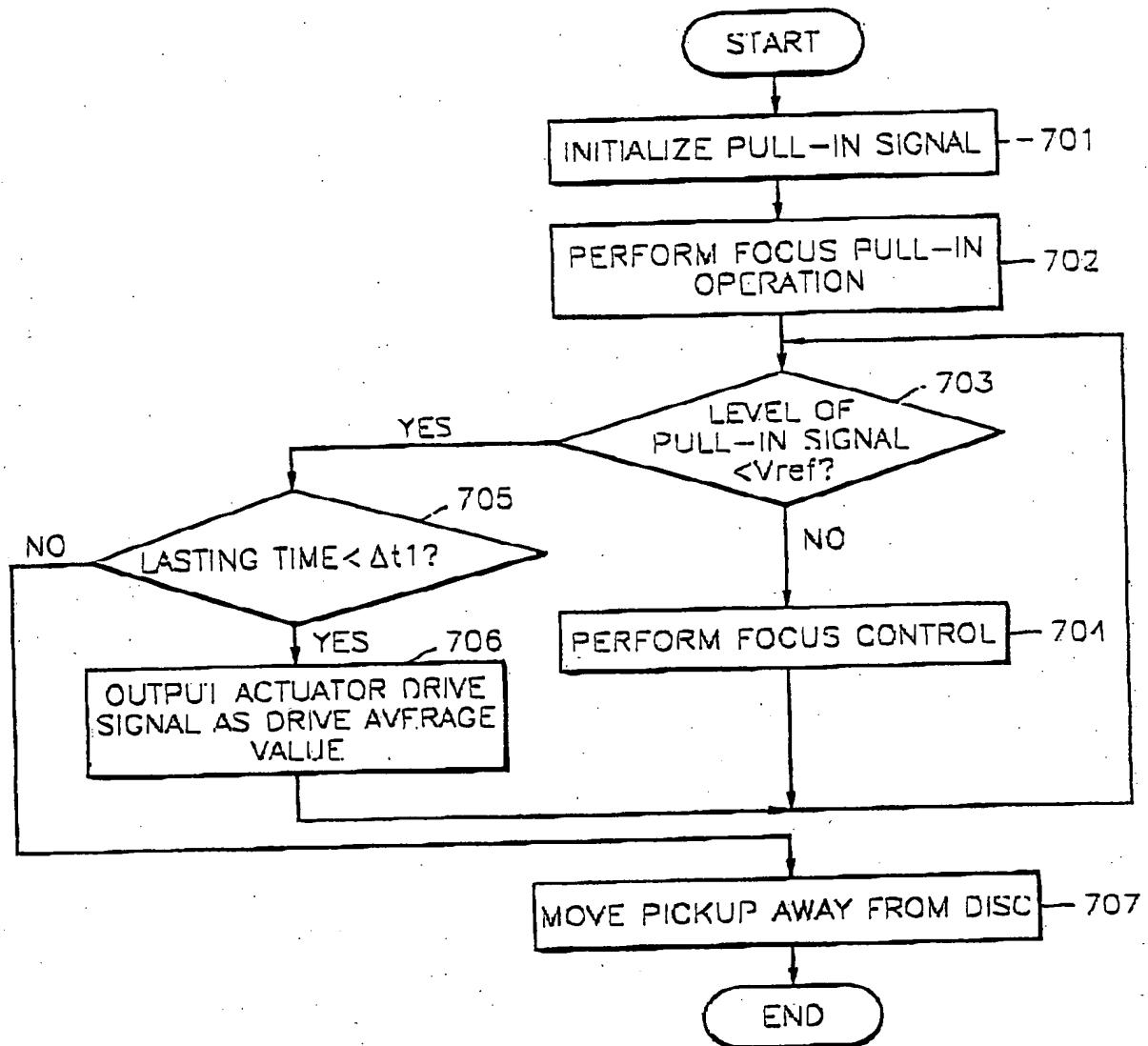


FIG. 8A

FOCUS  
ERROR SIGNAL

FIG. 8B

ACTUATOR  
DRIVE SIGNAL

FIG. 8C

PULL-IN SIGNAL

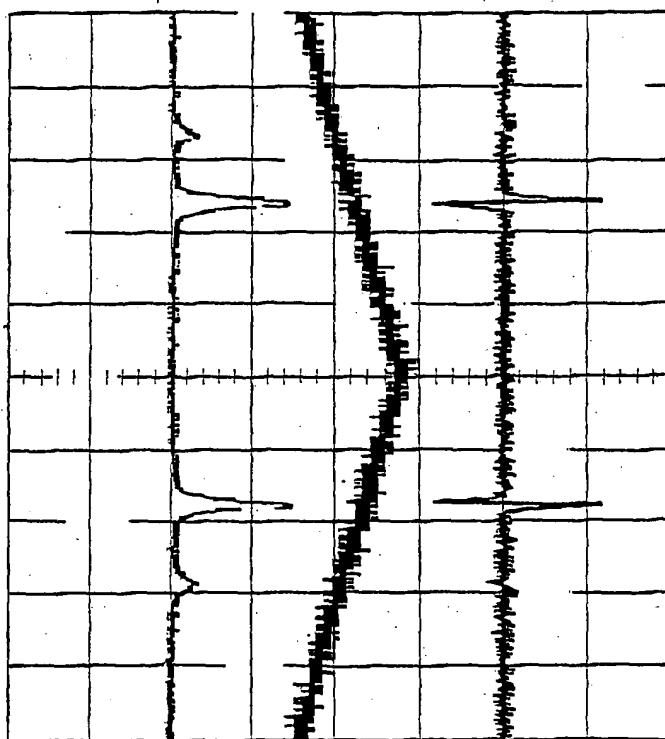


FIG. 9A

FOCUS  
ERROR SIGNAL

FIG. 9B

ACTUATOR  
DRIVE SIGNAL

PULL-IN SIGNAL

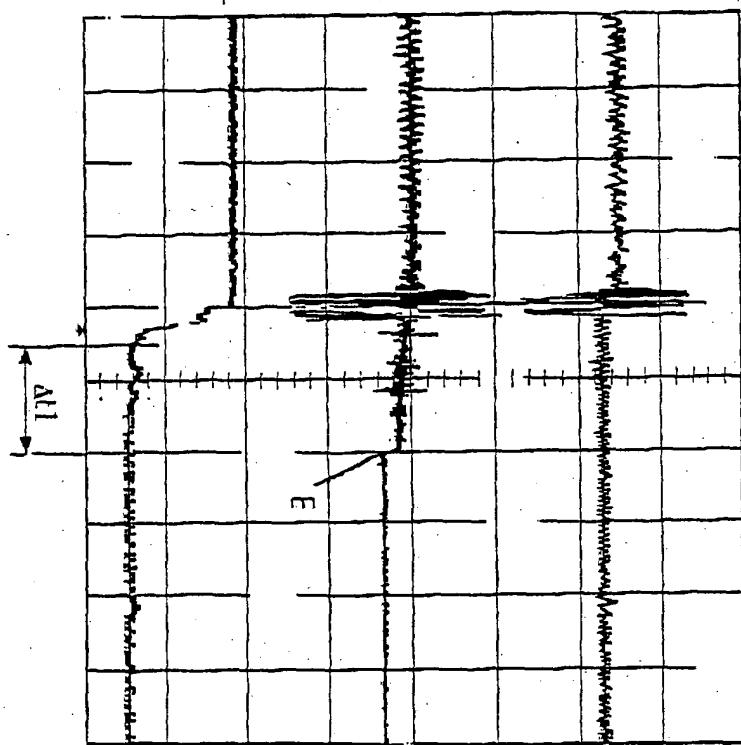


FIG. 9C